

Notice of Allowability

Application No.

09/414,104

Applicant(s)

OKADA ET AL.

Examiner

Art Unit

Nhan T. Tran

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 7/5/2006 and phone interview on 8/25/2006.
2. ☒ The allowed claim(s) is/are 1-45.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments, filed 7/5/2006, with respect to claims 1-45 have been fully considered and are persuasive. The rejections of these claims have been withdrawn.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with **Sungho Hong** (Reg. No. 54,571) on 8/25/2006.

The application has been amended as follows:

In the claims: (Note that amendments are shown in underline.)

Regarding claim 38, the limitations **"A computer program product comprising a computer usable medium having a computer readable program code means embodied in said medium"** *in the lines 1-2 of claim 38* have been amended as -- **A computer program product comprising a computer usable medium having a computer readable program code means embodied in said medium and executed by a controller** --.

Allowable Subject Matter

3. Claims 1-45 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding independent claim 1, the prior art of record fails to teach or fairly suggest the combination of all limitations required in claim 1 that includes "...a **second system controller configured to control a mechanical operation of a lens barrel of the electronic device, which, in response to a turn-on operation of a power source associated with said second system controller exclusively, extends the lens barrel having a lens from a collapsed position, starts supplying power to said first system controller, and operates independently of said first system controller, wherein said second system controller is further configured to continue extending the lens barrel while said first system controller launches the operating system in response to a start of the power source initiated by said second system controller."**

Regarding independent claim 23, this method claim is corresponding to the apparatus claim 1, and therefore is allowed for the same reasons provided in claim 1.

Regarding independent claim 38, the prior art of record also fails to teach or fairly suggest the combination of all limitations of claim 38 that includes "...a **second system controller configured to control a mechanical operation of a lens barrel of the electronic device, which, in response to a turn-on operation of a power source, extends the lens barrel having a lens from a collapsed position, starts supplying power to said first system controller, and operates independently of said first**

system controller, said product including: computer readable program code means for continuing extending the lens barrel while said first system controller launches the operating system in response to a start of the power source initiated by said second system controller.

Regarding claim 40, the prior art of record also fails to teach or fairly suggest the combination of all limitations of claim 40 that includes "...**mechanical drive means, in response to a turn-on operation of a power source associate with said mechanical drive-means exclusively, for extending a lens barrel having a lens from a collapsed position, for starting supplying power to said control means, and for operating independently of said control means;...wherein said mechanical drive means is configured to continue extending the lens barrel while said control means launches the operating system in response to a start of the power source initiated by said mechanical drive means.**"

Regarding claims 2-22, these claims are allowed as being directly or indirectly dependent from claim 1.

Regarding claims 24-37, these claims are allowed as being directly or indirectly dependent from claim 23.

Regarding claim 39, this claim is allowed as being dependent from claim 38.

Regarding claims 41-45, these claims are allowed as being directly or indirectly dependent from claim 40.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nhan T. Tran whose telephone number is (571) 272-7371. The examiner can normally be reached on Monday - Friday, 8:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Ometz can be reached on (571) 272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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A handwritten signature in black ink, appearing to read 'David Ometz', with a long horizontal stroke extending to the right.

DAVID OMETZ
SUPERVISORY PATENT EXAMINER